

OCT 28 2009

Application Serial No. 10/501,043  
Reply to final office action of July 29, 2009

PATENT  
Docket: CU-3831

**REMARKS/ARGUMENTS**

Reconsideration is respectfully requested.

Claims 171-226 are pending before this amendment. By the present amendment, claim 171 is amended. No new matter has been added.

**In the office action (page 2), claims 171-226 stand rejection under 35 U.S.C. § 112, ¶2 as being indefinite.** Specifically, the examiner indicates that given the context of claim 1, it is unclear what is meant by the term "infrastructure."

In response, the applicants have amended the term infrastructure both from the preamble and the body of claim 171, and have amended claim 171 as follows:

--A system for facilitating telecommunication capability for electromagnetic propagation medium comprising:

    a signal medium;  
    a systematic and distributed signal conditioner comprising transponders, the transponders at least including repeaters, coupler arrangements, and necessary carrier frequency converters and transponder output level controls, wherein the signal medium uses the systematic and distributed signal conditioner for enabling utilization of the signal medium; and

    transponder interfaces connected to a D/A and A/D physical layer (PHY).--

Support for the above amendment is found at least in the original specification as filed, page 6, lines 19-23; thus no new matter has been added. The respectfully submits that amending claim 1 to delete the term "infrastructure" and adding terms shown above is quite clear in meaning, and therefore overcomes the grounds for rejection.

**In the office action (page 3), all claims are indicated as allowable if the §112, ¶2 rejections to claim 171 are overcome.** The applicant respectfully thanks the examiner for this indication of allowable subject matter, and submits that, at least for the reasons above, all grounds for rejection are considered overcome.

For the reasons set forth above, the applicant respectfully submits that claims 171-226, pending in this application, are in condition for allowance over the cited references. Accordingly, the applicant respectfully requests reconsideration and withdrawal of the outstanding rejections and earnestly solicits an indication of allowable

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subject matter.

This amendment is considered to be responsive to all points raised in the final office action. Should the examiner have any remaining questions or concerns, the examiner is encouraged to contact the undersigned attorney by telephone to expeditiously resolve such concerns.

Respectfully submitted,



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